Sumsam Ali

linkedin.com/in/sumsam-ali | github.com/sumsam-ali-sac
sumsamali189@gmail.com | +92 300 311 0643

EDUCATION

FAST National University of Compute and Emerging Sciences, Karachi
BS(CS), 3.45 CGPA
Expected graduation July 2024

ACHIEVEMENTS

- Procom '23 code sprint **(5th/50+ teams)**
- Database design Runners-up '24 SMEC **(40+ teams)**
- Datacamp 2022, bronze Medalist **(secured 40000+ points in 2 months)**
- Rector's List **(Fall '23)** Dean's List **(Fall '22, Spring '23)**

CERTIFICATIONS

- Deep Learning Specialization @DeepLearning.AI
- Machine Learning specialization @Deeplearning.AI
- LLM fine-tuning and Instruction tuning @Deeplearning.AI
- Intermediate Python @DataCamp
- Python Data Science Toolbox (Part 1) @DataCamp
- Python Data Science Toolbox (Part 2) @DataCamp
- Data Types for Data Science in Python @DataCamp
- Introduction to Data Science in Python @DataCamp
- Introduction to Python @DataCamp

SKILLS

LANGUAGES

Python • C/C++ • Java • ASM • Javascript • PHP • R

LIBRARIES/FRAMEWORKS

TensorFlow • PyTorch • Langchain • Pandas • Matplotlib • vLLM • HTML/CSS • CUDA • Material UI • Sciket-Learn • CMake • CUDA

PRODUCTIVITY

Git • Linux (Arch/Debian) • Bash (Shell Scripting) • Markdown • LaTeX • Figma • LucidChart (UML)

DATABASES

MySQL • MongoDB • Oracle • Pinecone

PROJECTS

PAKPOOL CARPOOL MANAGEMENT SYSTEM | MS Power Apps Project

Oct 2023 – Dec 2023

- Developed PakPool using MS Power Apps, a carpool management system.
- Modules include user and vehicle management, ride creation, booking, and feedback and a rating system for users and drivers, promoting accountability.
- Designed for user-friendliness, efficiency, and security for both drivers and riders.

WISDOM DOC GENERATOR | AI Automation

Jul 2023 – Sep 2023

- Developed an Automated Wisdom Document generator using OpenAI API, Clickup API, Langchain, and Streamlit.
- Added techniques for Data Fetching, Data Preprocessing, and Prompt Engineering for document generation.

COGNIASSESS PLATFORM | Non-Technical Skills Assessment

Oct 2023 – Present

- Developing a platform for revolutionizing non-technical roles assessments in the talent assessment sphere.
- Integrated LLM-driven assessment generation with real-time feedback and robust proctoring mechanism.

STUDENT AUTO GRADING SYSTEM | EdTech Application

Mar 2023 – Apr 2023

- Developed a deep learning application to automatically grade essays, using biLSTM, DeBerta models.
- Built with TensorFlow, Pytorch, Flask, MySQL, Hvplot.

EXPERIENCE

MARKETLYTICS | AI Intern

Jul 2023 - Sep 2023 | Karachi, Sindh, Pakistan

- Assisted in the design, development, and testing of AI-powered automation tools, leveraging LLMs.
- Collaborated with product, data science, and engineering teams to integrate generative AI solution.

LYZOO TECHNOLOGIES | Project Based Programming Intern

May 2022 - July 2022 | Remote

- Collected and analyzed data using Python and SQL to inform business decisions and optimize workflows.
- Collaborated with teams to develop data-driven insights and recommendations for improving company performance.

FIVERR | Level 2 Freelancer

Sep 2020 - Aug 2023 | Remote

- Provided freelance services in data analysis, visualization, and machine learning.
- Collaborated with clients to define project goals and deliverables.